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(54) **DYNAMIC INTERACTION ADAPTATION OF A DIGITAL INKING DEVICE**

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(57) **ABSTRACT**

A digital inking device can automatically adapt its interaction modality to provide contextually relevant status information and contextually relevant user interface control elements based on a user's activity. An interaction model of a digital inking device can automatically adapt the display of particular control user interface control elements and particular status indicators based on one or more factors. For example, a digital inking device can select an interaction model from a number of interaction models based on a way a digital inking device is held by a user, a fingerprint of a user, an angle and/or distance of a digital inking device with respect to a paired computer, a particular grip a user has on a digital inking device, an amount of pressure that is used to hold a digital inking device, a contact pressure between a digital inking device and a paired computer, and/or one more gestures performed by a user.